

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 2    | ("6173750").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/10 14:20 |
| S2    | 12   | ("4437232"   "4876791"  <br>"5671530"   "5976306").PN. OR<br>("6173750").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | AND              | ON      | 2006/03/13 14:37 |
| S3    | 2    | ("6681481").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/14 15:05 |
| S4    | 4    | ("5598986"   "6315182"  <br>"6340266"   "6364184").PN. OR<br>("6681481").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | AND              | ON      | 2006/03/14 15:15 |
| S5    | 2    | ("6,532,395").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/14 15:17 |
| S6    | 1046 | (29/759).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/14 17:21 |
| S7    | 442  | S6 and (feed or feeding or feeder)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2006/03/14 17:21 |
| S8    | 19   | ("3770123"   "3910416"  <br>"4501064"   "4527324"   "4675993"<br>  "4747479"   "4917556"  <br>"5209132"   "5330043"   "5695071"<br>  "5805472"   "6082950"  <br>"6111211"   "6173750"   "6210079"<br>  "6229323"   "6230067"  <br>"6241459").PN. OR ("6532395").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | AND              | ON      | 2006/03/14 15:21 |
| S9    | 450  | S6 and (feed or feeding or feeder<br>or conveyer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2006/03/15 09:06 |

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|     |       |  |   |     |     |                  |
|-----|-------|--|---|-----|-----|------------------|
| S10 | 161   | rachkov.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/14 15:24 |
| S11 | 42624 | davis.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/14 15:24 |
| S12 | 21    | (peter adj davis).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/14 15:25 |
| S13 | 4     | ("5598986"   "6315182"  <br>"6340266"   "6364184").PN. OR<br>("6681481").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON  | 2006/03/14 15:26 |
| S14 | 2197  | (29/739).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2006/03/14 17:21 |
| S15 | 568   | S14 and (feed or feeding or feeder)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/14 17:22 |
| S16 | 585   | S14 and (feed or feeding or feeder<br>or conveyer)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/14 17:41 |
| S17 | 1046  | (29/759).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2006/03/14 17:40 |
| S18 | 543   | S16 not S17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/14 17:41 |
| S19 | 1420  | (29/740).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2006/03/15 09:05 |

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|     |      |   |   |     |     |                  |
|-----|------|---|---|-----|-----|------------------|
| S20 | 625  | S19 and (feed or feeding or feeder or conveyer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/14 17:41 |
| S21 | 440  | S20 not S17 not S14                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/14 17:41 |
| S22 | 919  | (29/741).CCLS.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2006/03/15 09:05 |
| S23 | 1420 | (29/740).CCLS.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2006/03/15 09:05 |
| S24 | 738  | S22 not S23                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/15 09:05 |
| S25 | 1046 | (29/759).CCLS.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2006/03/15 11:47 |
| S26 | 662  | S24 not S25                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/15 09:06 |
| S27 | 2197 | (29/739).CCLS.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2006/03/15 09:06 |
| S28 | 623  | S26 not S27                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/15 09:06 |
| S29 | 180  | S28 and (feed or feeding or feeder or conveyer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/15 09:10 |

## EAST Search History

|     |        |   |   |     |     |                  |
|-----|--------|---|---|-----|-----|------------------|
| S30 | 134334 | ("222").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2006/03/15 09:22 |
| S31 | 3487   | S30 and (feed or feeder or feeding or conveyer) (circuit or PCB)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/15 09:22 |
| S32 | 113370 | ("414").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2006/03/15 09:22 |
| S33 | 4488   | S32 and (feed or feeder or feeding or conveyer) (circuit or PCB)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/15 09:22 |
| S34 | 4488   | S32 and (feed or feeder or feeding or conveyer) and (circuit or PCB)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/15 09:22 |
| S35 | 3263   | S34 and (feed or feeder or feeding or conveyer) and (circuit or PCB) and (roller or wheel)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/15 09:23 |
| S36 | 1301   | S30 and (feed or feeder or feeding or conveyer) and (circuit or PCB) and (roller or wheel)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/15 09:22 |
| S37 | 4869   | (29/759,739,741,740).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2006/03/15 09:23 |
| S38 | 477    | S37 and (feed or feeder or feeding or conveyer) and (circuit or PCB) and (install or installation or remove or removal) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/03/15 09:48 |
| S39 | 4      | ("5598986"   "6315182"   "6340266"   "6364184").PN. OR ("6681481").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON  | 2006/03/15 09:44 |

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|     |      |  |   |     |    |                  |
|-----|------|--|---|-----|----|------------------|
| S40 | 18   | ("1247228"   "1840216"   "2420895"   "2749068"   "3146982"   "4621406"   "5193268"   "5268059"   "5322253"   "5598986"   "5706576"   "6227755").PN. OR ("6340266").URPN.               | US-PGPUB; USPAT; USOCR                    | AND | ON | 2006/03/15 09:44 |
| S41 | 19   | ("2585999"   "3389872"   "3395872"   "3620468"   "3722929"   "3973740"   "4039156"   "4440355"   "4687152"   "4893764"   "5114089").PN. OR ("5598986").URPN.                           | US-PGPUB; USPAT; USOCR                    | AND | ON | 2006/03/15 09:45 |
| S42 | 42   | S37 and (feed or feeder or feeding or conveyer) and (circuit or PCB) and (install or installation or remove or removal) and ((roller or wheel) same (channel or slot groove))          | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/03/15 09:58 |
| S43 | 505  | drawer same (guide adj rail) same (roller or wheel)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/03/15 10:52 |
| S44 | 241  | S37 and (feed or feeder or feeding or conveyer) and (circuit or PCB) and (mount or mounting or connect or connecting) and ((roller or wheel) same (channel or slot or groove or rail)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/03/15 09:59 |
| S45 | 3525 | (guide adj rail) same (roller or wheel) same (insert or insertion or remove or removal)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/03/15 10:48 |
| S46 | 1300 | (guide adj rail) same (roller or wheel) same (insert or insertion or remove or removal) same (groove or slot)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/03/15 11:18 |
| S47 | 24   | drawer same (guide adj rail) same (roller or wheel) same (insert or insertion or remove or removal) same (groove or slot)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2006/03/15 11:19 |
| S48 | 5    | ("3387906").URPN.  | USPAT                                     | AND | ON | 2006/03/15 11:09 |
| S49 | 25   | ("0732721"   "1866853"   "2587691"   "2850347"   "2985311"   "3090662"   "3387906"   "3452878"   "3702717"   "3784274").PN. OR ("3980365").URPN.                                       | US-PGPUB; USPAT; USOCR                    | AND | ON | 2006/03/15 11:14 |

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|     |    |   |   |     |     |                  |
|-----|----|---|---|-----|-----|------------------|
| S50 | 14 | (guide adj rail) same (roller or wheel) same (insert or insertion or remove or removal) same (groove or slot) same (stagger or staggered)             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2006/03/15 11:19 |
| S51 | 0  | drawer same (guide adj rail) same (roller or wheel) same (insert or insertion or remove or removal) same (groove or slot) same (stagger or staggered) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2006/03/15 11:19 |
| S52 | 0  | drawer same (guide adj rail) same (roller or wheel) same (insert or insertion or remove or removal) same (stagger or staggered)                       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2006/03/15 11:20 |
| S53 | 2  | drawer same (guide adj rail) same (roller or wheel) same (stagger or staggered)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2006/03/15 11:21 |
| S54 | 19 | drawer same (guide adj rail) same (roller or wheel) same (stagger or staggered or offset)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2006/03/15 11:21 |
| S55 | 13 | ("2860929"   "3844627").PN. OR ("4595247").URPN.  | US-PGPUB; USPAT; USOCR                    | AND | ON  | 2006/03/15 11:31 |
| S56 | 20 | ("4122975"   "4458412"   "4459743"   "4551913"   "4754545"   "4809839").PN. OR ("4995157").URPN.  | US-PGPUB; USPAT; USOCR                    | AND | ON  | 2006/03/15 12:15 |
| S57 | 69 | (414/202).CCLS.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR  | OFF | 2006/03/16 10:33 |